



PATENT

Docket No. 5000-5007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Yoshiaki ISHIHARA, et al.

Group Art Unit: 2838

Serial No.: 10/091,915

Examiner: TBA

Filed: March 6, 2002

For: MULTI-OUTPUT POWER CONVERSION CIRCUIT

**AMENDMENT FEE TRANSMITTAL**

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment for the above-identified application.

No additional fee is required.

The additional fee has been calculated as shown below:

**CLAIMS AS AMENDED**

	Claims Remaining After Amendment	Highest No. Covered by Previous Payments	Present Extra	Rate	Additional Fee
Total* Claims	9 -	20	= 0	x \$18.00	\$0.00
Independent Claims	5 -	5	= 0	x \$84.00	\$0.00
Multiple Dependent Claim(s)	(If claims added by amendment include Multiple Dependent Claim(s) and there was not Multiple Dependent Claims(s) in application before amendment add \$280.00 to additional fee.)				\$0.00
				Total:	\$0.00

\* Includes all independent and single dependent claims and all claims referred to in multiple dependent claims. See 37 C.F.R. § 1.75(c).

RECEIVED  
FEB 27 2003  
TECHNOLOGY CENTER 2800

Statement of "Small Entity" Status Under 37 CFR § 1.27 filed \_\_\_\_\_.  
Reduced Fees Under 37 CFR § 1.9(f) (50% of total) paid herewith. \$ \_\_\_\_\_.

Charge fee to Deposit Account No. 13-4500. Order No. \_\_\_\_\_.  
A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

The Commissioner is hereby authorized to charge any additional fees which may be required for this amendment, including all fees pursuant to 37 C.F.R. § 1.17 for its timely consideration, or credit any overpayment to Deposit Account No. 13-4500. Order No. 5000-5007. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

\_\_\_\_ Page(s) of substitute Sequence Listing

\_\_\_\_ Computer disk(s) containing substitute Sequence Listing

Statement under 37 C.F.R. § 1.825(b) that the computer and paper copies of the substitute Sequence Listing are the same.

A check in the amount of \$\_\_\_\_ to cover the filing fee is attached.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

Dated: February 20, 2003

By:   
Steven F. Meyer  
Registration No. 35,613

CORRESPONDENCE ADDRESS:

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, New York 10154  
(212) 758-4800  
(212) 751-6849 Facsimile

FORM: AMD-TRAN.NY  
Rev. 10/01/00



PATENT  
Attorney Docket No. 5000-5007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Yoshiaki ISHIHARA, et al.      Group Art Unit: 2838  
Serial No.: 10/091,915      Examiner: TBA  
Filed: March 6, 2002  
For: MULTI-OUTPUT POWER CONVERSION CIRCUIT

Commissioner of Patents  
Washington, D.C. 20231

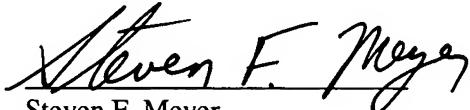
RECEIVED  
FEB 27 2003  
TECHNOLOGY CENTER 2800

**CERTIFICATE OF MAILING (37 C.F.R. 1.8a)**

Sirs:

I hereby certify that the attached (1) Preliminary Amendment, (2) Amendment Fee Transmittal, and (3) return receipt postcard, and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231.

Respectfully submitted,

  
Steven F. Meyer  
Registration No. 35,613

Dated: February 20, 2003

**Mailing Address:**

MORGAN & FINNEGAN, L.L.P  
345 Park Avenue  
New York, New York 10154  
Tel. No. (212) 758-4800  
Facsimile No. (212) 751-6849



745 2838  
D. Martin  
FEB 21 2003  
Pro Panel 177  
Docket No. 5000-5007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yoshiaki ISHIHARA, et al.

Serial No.: 10/091,915

Group Art Unit: 2838

Filed: March 6, 2002

Examiner: TBA

For: MULTI-OUTPUT POWER CONVERSION CIRCUIT

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
FEB 27 2003  
TECHNOLOGY CENTER 2800

PRELIMINARY AMENDMENT

Sir:

Pursuant to 37 C.F.R § 1.115, please enter the following Preliminary Amendment prior to consideration of the application on the merits.

IN THE SPECIFICATION

Please amend the following paragraph beginning at page 15, line 3 to read as follows:

Thus, the control circuit by the PWM generates noise from a high frequency switching waveform. This refers to a harmonic voltage, and an AC voltage component is detected at the neutral point of the main inverter 602.